

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A sound generating device for a mobile terminal of a wireless telecommunication system, the sound generating device comprising:

memory means for storing sounds in the form of waveforms so that each waveform corresponds to a sound, wherein each sound has a typical frequency distribution and digitally sampling such a frequency distribution with a predetermined number of samples gives a waveform;

selecting means enabling the selection of a sound and a pitch for said selected sound;

calculating means for calculating, on the basis of a preset calculation rule, a single sound table from the samples of the stored waveform which corresponds to the selected sound by calculating additional samples in between respective adjacent samples of said waveform a number of additional samples being the same for each note of an octave, but decreasing with ascending octaves;

reading means for reading out a number of the samples, but not all of the samples from said calculated sound table, wherein the number of said samples read out varies depending on said selected pitch for said selected sound; and

output means for outputting a sound on the basis of said number of said samples read out from said reading means.

Claim 2 (Previously Presented): The sound generating device according to Claim 1, wherein each waveform stored in said memory means consists of one period of samples of the frequency distribution of the corresponding sound.

Claim 3 (Previously Presented): The sound generating device according to Claim 2, wherein each waveform stored in said memory means consists of 51 samples.

Claim 4 (Previously Presented): The sound generating device according to Claim 1, wherein said calculating means calculates said additional samples for said sound table on the basis of an interpolation calculation.

Claim 5 (Previously Presented): The sound generating device according to Claim 4, wherein the number of calculated interpolated samples between two adjacent samples of said waveform depends on the selected pitch for the selected sound.

Claim 6 (Canceled).

Claim 7 (Previously Presented): The sound generating device according to Claim 1, wherein said reading means reads out every n -th sample from said sound table, n being an integer number.

Claim 8 (Previously Presented): The sound generating device according to Claim 7, wherein said number n depends on the selected pitch for said selected sound.

Claim 9 (Previously Presented): The sound generating device according to Claim 8, wherein said number n increases with ascending notes within an octave, but is the same for each respective note in different octaves.

Claim 10 (Previously Presented): The sound generating device according to Claim 9, wherein said reading means reads out the samples from the sound table with a rate of about 8 kHz.

Claim 11 (Currently Amended): A sound generating method for a mobile terminal of a wireless telecommunication system, comprising:

storing sounds in the form of waveforms so that each waveform corresponds to a sound, wherein each sound has a typical frequency distribution and digitally sampling such a frequency distribution with a predetermined number of samples gives a waveform;

enabling the selection of a sound and a pitch for said selected sound;

calculating, on the basis of a preset calculation rule, a single sound table from the samples of the stored waveform which correspond to a selected sound by calculating additional samples in between respective adjacent samples of said waveform a number of additional samples being the same for each note of an octave, but decreasing with ascending octaves;

reading out a number of the samples, but not all of the samples, from said calculated sound table, wherein the number of said samples reads out varies depending on said selected pitch for said selected sound; and

outputting a sound on the basis of said number of said samples read out.

Claim 12 (Previously Presented): The sound generating method according to Claim 11, wherein each stored waveform consists of one period of samples of the frequency distribution of the corresponding sound.

Claim 13 (Previously Presented): The sound generating method according to Claim 12, wherein each stored waveform consists of 51 samples.

Claim 14 (Previously Presented): The sound generating method according to Claim 11, wherein in said calculating step said sound table is calculated on the basis of an interpolation calculation.

Claim 15 (Previously Presented): The sound generating method according to Claim 14, wherein the number of calculated interpolated samples between two adjacent samples of said waveform depends on the selected pitch for the selected sound.

Claim 16 (Canceled).

Claim 17 (Previously Presented): The sound generating method according to Claim 11, wherein in said reading step every n -th sample is read out from said sound table, n being an integer number.

Claim 18 (Previously Presented): The sound generating method according to Claim 17, wherein said number n depends on the selected pitch for said selected sound.

Claim 19 (Previously Presented): The sound generating method according to Claim 18, wherein said number n increases with ascending notes within an octave, but is the same for each respective note in different octaves.

Claim 20 (Previously Presented): The sound generating method according to Claim 19, wherein in said reading step the samples from the sound table are read out with a rate of about 8 kHz.